

What is Claimed is:

1. A gear rack adjustment wheel for circular knitting machines, comprising:

5 a holding deck mounted on a circular knitting machine having a sliding trough;

a sliding track formed at the bottom of said holding deck;

an adjustable sliding block to slide along the bottom of the holding deck that reaches the sliding trough, having a gear rack formed on a lateral side thereof; and

10 an adjustment mechanism including an anchor pin and an adjustment wheel housed in the sliding trough that has a screw thread formed thereon to couple with the gear rack, a nut, an annular ring and the gap formed between the nut and the annular ring to receive the anchor pin;

15 wherein the adjustable sliding block is movable through the driving force of the adjustment wheel.

2. The gear rack adjustment wheel of claim 1, wherein the sliding track mates to the adjustable sliding block so that the adjustable sliding block can slide therein.

20 3. The gear rack adjustment wheel of claim 1, wherein the sliding trough allows the screw thread of the adjustment wheel to couple with the gear rack of the adjustable sliding block.

4. The gear rack adjustment wheel of claim 1, wherein the anchor pin runs through the gap to anchor the adjustment
25 wheel.

5. The gear rack adjustment wheel of claim 1, wherein the anchor pin is a cylindrical strut.